

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. 4590/457A
(CIP)

SERIAL NO. 09/758,132

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT: Hoke, et al.

FILING DATE: January 12, 2001

GROUP: ~~4762~~ 1754

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
Jew	1,484,782	02/26/24	Heise	No class	
Jew	1,628,344	05/10/27	Walsh	No class	
Jew	1,863,015	06/14/32	Kamrath	No class	
Jew	1,937,488	11/28/33	Jenness	23/234	
Jew	1,937,488	11/28/33	Jenness	23/234	
Jew	2,213,017	08/27/40	Perkins	98/2	
Jew	2,455,734	12/07/48	Clausen	183/53	
Jew	2,473,563	06/21/49	Beja et al.	23/145	
Jew	2,551,823	02/10/45	Buttner et al.	237/28	
Jew	2,658,742	11/10/53	Suter et al.	241/3	
Jew	2,701,104	02/01/55	Fox	241/3	
Jew	2,956,860	10/18/60	Welsh	23/145	
Jew	2,966,339	12/27/60	Morgan	257/1	
Jew	3,110,300	11/12/63	Brown et al.	126/109	
Jew	3,147,100	09/01/64	Wilber	55/419	
Jew	3,242,013	03/22/66	Mehne et al.	136/138	
Jew	3,269,801	08/30/66	Boberg et al.	23/238	
Jew	3,356,452	12/05/67	Moore	23/145	
Jew	3,414,440	12/03/68	Moore	136/107	
Jew	3,565,203	02/23/71	Ashton et al.	180/68	
Jew	3,596,441	08/03/71	Luedahl	55/376	
Jew	3,640,683	02/08/72	Miyazaki et al.	23/145	
Jew	3,640,683	08/22/72	Louzos	75/5R	
Jew	3,414,440	11/06/73	Swinkels et al.	423/50	
Jew	3,823,533	07/16/74	Alverson et al.	55/493	

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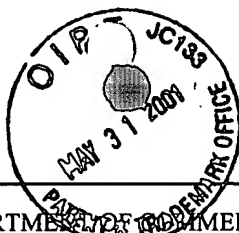
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Jew	3,837,149	09/24/74	West et al.	55/269	
Jew	3,864,118	02/04/75	Schumacher et al.	75/3	
Jew	3,883,637	05/13/75	Benedict	423/230	
Jew	3,915,837	10/28/75	Feige, Jr.	204/286	
Jew	3,959,021	05/25/76	Nishino et al.	136/138	
Jew	3,993,597	11/23/76	Stiles	252/454	
Jew	4,006,217	02/01/77	Faber et al.	423/605	
Jew	4,007,875	02/15/77	Stolz et al.	237/12.3 A	
Jew	4,089,928	05/16/78	Foroglou	423/49	
Jew	4,101,296	07/18/78	Lowther	55/33	
Jew	4,141,963	02/27/79	Miller	423/592	
Jew	4,171,211	10/16/79	Carter	55/493	
Jew	4,173,549	11/06/79	Kent et al.	252/463	
Jew	4,184,983	01/22/80	Putz et al.	252/466 PT	
Jew	4,197,366	04/08/80	Tamura et al.	429/197	
Jew	4,200,609	04/29/80	Byrd	422/122	
Jew	4,234,326	11/18/80	Bailey et al.	55/278	
Jew	4,246,253	01/20/81	Hunter	423/605	
Jew	4,261,863	04/14/81	Kent et al.	252/463	

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Jew	4,277,360	07/07/81	Mellors et al.	252/182.1	
Jew	4,284,618	08/18/81	Van der Heyden et al.	423/605	
Jew	4,285,913	08/25/81	Soni et al.	423/50	
Jew	4,302,490	11/24/81	Byrd	427/301	
Jew	4,310,494	01/12/82	Welsh	423/49	
Jew	4,352,321	10/05/82	Fukui et al.	98/2.11	
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Jew	4,379,817	04/12/83	Kozawa	429/224	
Jew	4,402,931	09/06/83	Tanabe et al.	423/605	
Jew	4,405,699	09/20/83	Kruger	429/224	
Jew	4,425,145	01/10/84	Reese	55/385 B	
Jew	4,476,104	10/09/84	Mellors	423/605	
Jew	4,477,541	10/16/84	Fraioli	429/33	
Jew	4,483,828	11/20/84	Laughlin et al.	423/49	
Jew	4,485,073	11/27/84	Robertson et al.	423/49	
Jew	4,489,043	12/18/84	Bowerman et al.	423/49	
Jew	4,551,254	11/05/85	Imada et al.	210/688	
Jew	4,579,723	04/01/86	Weltmer et al.	423/219	
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Jew	4,585,718	04/29/86	Uedaira et al.	429/224	
Jew	4,590,059	05/20/86	Mellors	423/605	

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Jew	4,604,336	08/05/86	Nardi	429/224	
Jew	4,619,821	10/28/86	Ely	423/579	
Jew	4,657,887	04/14/87	Hardman et al.	502/303	
Jew	4,662,065	05/05/87	Marincic et al.	29/623.1	
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Jew	4,818,354	04/04/89	Preisler et al.	204/96	
Jew	4,824,363	04/25/89	Abthoff et al.	432/222	
Jew	4,838,910	06/13/89	Stollenwerk et al.	55/385.2	
Jew	4,871,709	10/03/89	Tatsushima et al.	502/324	
Jew	4,921,689	05/01/90	Walker et al.	423/605	
Jew	4,961,762	10/09/90	Howeth	55/302	
Jew	4,975,346	12/04/90	Lecerf et al.	429/197	
Jew	5,004,487	04/02/91	Kowalczyk	55/269	
Jew	5,082,570	01/21/92	Higgins et al.	210/683	
Jew	5,085,266	02/04/92	Arold et al.	165/1	
Jew	5,092,396	03/03/92	Murano et al.	165/119	
Jew	5,142,864	09/01/92	Dunne	60/274	

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Jew	5,145,657	09/08/92	Kobayashi et al.	423/219	
Jew	5,162,274	11/10/92	Deitz	502/51	
Jew	5,176,833	01/05/93	Vaughn et al.	210/638	
Jew	5,180,502	01/19/93	Nishiki et al.	210/748	
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Jew	5,212,140	05/18/93	Yoshimoto et al.	502/300	
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Jew	5,221,652	06/22/93	Tierney et al.	502/170	
Jew	5,227,144	07/13/93	Perez de la Garza	423/210	
Jew	5,232,882	08/03/93	Yoshimoto et al.	502/5	
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Jew	5,262,129	11/16/93	Terada et al.	422/122	
Jew	5,277,890	01/11/94	Wang et al.	423/605	
Jew	5,283,139	02/01/94	Newman et al.	429/224	
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Jew	5,296,435	03/22/94	Kitaguchi et al.	502/174	
Jew	5,348,726	09/20/94	Wang et al.	423/605	
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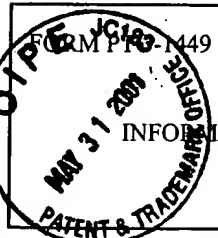
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Jew	5,391,365	02/21/95	Wang et al.	423/605	
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Jew	5,401,477	03/28/95	Cawfield et al.	423/50	
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Jew	40 07 965 C2	19.9.91	Germany DE	B01J 23/72	X	
Jew	44 20 224 A1	26.1.95	Germany DE	B01D 53/86	X	
Jew	44 23 329 A1	26.1.95	Germany DE	B01D 53/86	X	
Jew	0 561 484 A1	22.9.93	Europe	B01D 53/36	X	
Jew	LETTERS PATENT 822 053	22.11.51	Germany	63c/73	X	
Jew	1,067,691	22.10.59	Germany	61b 1 / 02	X	
Jew	1,095,128	15.12.60	Germany	61b 1 / 02	X	
Jew	1,101,160	2.3.61	Germany	61b 1 / 02	X	
Jew	1,133,154	12.7.62	Germany	42h 23/24	X	
Jew	3-229645	3.9.10	Japan			X

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Jw	5,140,949	8/25/92	Chu et al.	119/174	
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Jw	5,856,263	1/5/99	Bhasin et al.	502/333	

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					Yes	No
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Jw	WO 98/02235	1/22/98	PCT	11		
Jw	EP 0 893 156A 2	1/27/99	EPO	11		
Jw	EP 0 546 542A 1	6/16/93	EPO	11		

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	Derwent Abstracts (see Attached)
	Manganese Compounds, Vol. 15, pages 1003-1050.

Examiner <i>Timothy Varnay</i>	Date Considered <i>Aug. 6 2001</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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